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TI Manufacture of iron-chromium-aluminum alloy powder by
gas atomizing
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PA Sandvik AB, Swed.
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	WO 2001049441	A1	20010712	WO 2000-SE2571	20001218
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	BR 2000016950	A	20020910	BR 2000-16950	20001218
	EP 1257375	A1	20021120	EP 2000-990143	20001218
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	JP 2003519284	T2	20030617	JP 2001-549796	20001218
	US 2003089198	A1	20030515	US 2002-168860	20021016
PRAI	SE 2000-2	A	20000101		
	WO 2000-SE2571	W	20001218		
AB	The Fe alloy contains Ta 0.05-0.50 and Ti .ltoreq.0.10 in addn. to Cr 15-25, Al 3-7, Mo .ltoreq.5, Y 0.05-0.60, Zr 0.01-0.30, Hf 0.05-0.50, C 0.01-0.05, N 0.01-0.06, O 0.02-0.10, Si 0.10-0.70, Mn 0.05-0.50, P .ltoreq.0.08, and S .ltoreq.0.005%. The alloy powder is produced by gas atomizing. The atomization gas is N2 contg. a certain amt. of O2 so that the resulting atomized powder contains O2 0.02-0.10 and N2 0.01-0.06 wt.%. The resulting powder has a high oxidn. resistance and is suitable for high-temp. applications (e.g., elec. resistance heaters, supports for exhaust gas catalytic converters).				